

US EPA ARCHIVE DOCUMENT

### Obtaining the Agricultural Health Study (AHS) Atrazine Cancer Re-Evaluation Analytic Dataset

To obtain the analytic data set used in the recent AHS re-evaluation of atrazine use and its association with cancer among pesticide applicators in the cohort, please see instructions below.

Because these data include protected information concerning health outcomes and other sensitive data among citizen participants of the AHS, special precautions are necessary in the transfer of these data. Therefore, members of the public will contact the National Cancer Institute's (NCI) Freedom of Information Act (FOIA) Office directly, and will be required to adhere to the NIH/NCI data protection policies.

Pertinent information to include in the FOIA requests is: the title of the publication, "Atrazine and Cancer Incidence Among Pesticide Applicators in the Agricultural Health Study (1994-2007);" the name of the first author, Dr. Laura Beane Freeman; and, the NCI organization in which the research was performed, the Occupational and Environmental Epidemiology Branch (OEEB), Division of Cancer Epidemiology and Genetics (DCEG).

A sample form letter including this information, as well as the street and email addresses to which the request should be sent is appended below for your convenience.

FOIA request processing time is estimated to be approximately two weeks.

Questions regarding the NIH/NCI FOIA procedures may be directed to the NCI FOIA Office at (301) 496-2999 or [NCIFOIA@mail.nih.gov](mailto:NCIFOIA@mail.nih.gov).

***SAMPLE FOIA REQUEST LETTER***

[DATE]

NCI FOIA Office  
National Cancer Institute  
Building 31 Room 11A48  
9000 Rockville Pike  
Bethesda, MD 20892

Pursuant to the Freedom of Information Act (FOIA) 5 U.S.C. § 552, I hereby request the analytic data file, stripped of all personal identifiers, that contains the data used in the paper “Atrazine and Cancer Incidence Among Pesticide Applicators in the Agricultural Health Study (1994-2007)”. The author, Dr. Laura Beane Freeman, is an investigator in the Occupational and Environmental Epidemiology Branch, Division of Cancer Epidemiology and Genetics, NCI.

A list of requested variables is attached.

Questions regarding the NIH/NCI FOIA procedures may be directed to the NCI FOIA Office at (301) 496-2999 or [NCIFOIA@mail.nih.gov](mailto:NCIFOIA@mail.nih.gov).

Thank you.

Sincerely,

[INSERT NAME HERE]

## AGRICULTURAL HEALTH STUDY

Label  
AHS Variables used to produce  
Tables Atrazine and Cancer  
Incidence. Beane Freeman  
et al (2011) Environmental  
Health Perspectives

## Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
2	AALCFREQ	Num	8	Alcohol frequency per year
15	ALC1	Num	8	Drink Alcohol? (0=None in past year, 1=Yes)
10	ASMOK100	Num	3	100 or more cigarettes in lifetime
11	ASMOKNOW	Num	3	Smoke now
3	ASMOKYRS	Num	3	Years smoked
4	A_HERBICIDE_CD1	Num	3	Ever personally mixed or applied Atrazine
5	A_HERBICIDE_CD2	Num	3	Ever personally mixed or applied Dicamba
6	A_HERBICIDE_CD3	Num	3	Ever personally mixed or applied Cyanazine
7	A_HERBICIDE_CD5	Num	3	Ever personally mixed or applied Metolachlor
8	A_HERBICIDE_CD16	Num	3	Ever personally mixed or applied Trifluralin
9	A_HERBICIDE_CD17	Num	3	Ever personally mixed or applied 2 4-D

AGRICULTURAL HEALTH STUDY  
Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
13	A_HERBICIDE_ CUMEXP_ALG1_V2_1	Num	8	Atrazine Intensity Adjusted Cumulative Exposure Score (Alg I) - version 2
12	A_SMOKE_PACKYEARS	Num	8	Smoke packs per year
23	BLADDER	Num	8	Primary Bladder Dx (0,1)
27	BLOOD	Num	8	Primary Lymphohematopoietic Dx (0,1)
46	BMICAT	Num	8	BMI (1=<20, 2=20-<25, 3=25-<30, 4=30+, 9=Unknown)
38	BRAIN	Num	8	Primary Brain Dx (0,1)
28	CANCER	Num	8	Primary Dx of Any Cancer (0,1)
21	COLON	Num	8	Primary Colon Dx (0,1)
30	ESOPHAGUS	Num	8	Primary Esophagus Dx (0,1)
16	FAM_HIST	Num	8	Any Family History of Cancer?(0,1)
35	FEMALE_BREAST	Num	8	Primary Female Breast Dx (0,1)
1	GENDER	Num	8	Gender
37	KIDNEY	Num	8	Primary Kidney Dx (0,1)
33	LARYNX	Num	8	Primary Larynx Dx (0,1)
24	LEUKEMIA	Num	8	Primary Leukemia Dx (0,1)
31	LIVER	Num	8	Primary Liver Dx (0,1)
17	LTDAYS_HRB1	Num	8	Estimate for lifetime days of atrazine use (a_herbicide_yr1 * a_herbicide_day1)
20	LUNG	Num	8	Primary Lung Dx (0,1)
34	MELANOMA_SKIN	Num	8	Primary Melanoma Dx (0,1)
26	MMYELOMA	Num	8	Primary Multiple Myeloma Dx (0,1)
25	NHL	Num	8	Primary NHL Dx (0,1)
43	NHL_CLLSLLPLLMLCL	Num	8	Primary NHL(CLL/SLL/PLL/MCL) Dx (0,1)
41	NHL_DLBCL	Num	8	Primary NHL(diffuse large b-cell) Dx (0,1)
42	NHL_FL	Num	8	Primary NHL(follicular) Dx (0,1)
40	NHL_MATURE_BCELL	Num	8	Primary NHL(mature b-cell) Dx (0,1)
29	ORAL_CAVITY	Num	8	Primary Oral Cavity Dx (0,1)
36	OVARY	Num	8	Primary Ovary Dx (0,1)
32	PANCREAS	Num	8	Primary Pancreas Dx (0,1)
18	PERSON_YRS	Num	8	Person-years of follow-up
19	PROSTATE	Num	8	Primary Prostate Dx (0,1)
22	RECTUM	Num	8	Primary Rectum Dx (0,1)
14	SCHOOL	Num	8	Education Level(1=<HS,2=HS/GED,3=>HS)
39	THYROID	Num	8	Primary Thyroid Dx (0,1)
45	YEAR_BIRTH	Num	8	Year of Birth (1=<1930, 2=1930-1939, 3=1940-1949, 4=1950-1959, 5=1960-1969, 6=1970+)
44	YEAR_ENR	Num	8	Year of Enrollment
47	id	Char	5	